

Namibia's nuclear and radioactive material transport practices: the challenges and experiences at the national level.

Problem

In Namibia, the safety and security of transporting nuclear and radioactive material are governed by the Atomic Energy and Radiation Protection Act, No. 5 of 2005, along with other applicable laws concerning different modes of transport and international legal instruments. This Act, together with relevant regulations and guidelines, aims to reduce radiation exposure to individuals and the environment and to ensure control over these materials during transportation. Nonetheless, the National Radiation Protection Authority (NRPA), the regulatory authority responsible for overseeing safety and security during the transportation of nuclear and radioactive materials, encounters various challenges in the transportation process, such as international shipments, storage post and prior to shipment or during transit, and transitional arrangements. The research seeks to analyze these challenges.

Purpose

The research aims to assess the Namibian laws governing the registration of business entities, various modes of transport, the transportation of nuclear and radioactive material, and to identify challenges affecting shipments, post-storage or transit shipments, and transitional arrangements concerning the transportation of nuclear and radioactive material in Namibia. The findings and recommendations will be provided.

Method

The analysis of the challenges impacting the safe and secure transport of nuclear and radioactive materials in Namibia.

Conclusion

Challenges that affect the shipment and storage or transit of nuclear and radioactive material in Namibia are highlighted. It also examines transitional arrangements and identifies gaps in the transportation process. Finally, it provides recommendations to ensure the safe and secure transportation of these materials in Namibia.

Country or International Organization

Instructions

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